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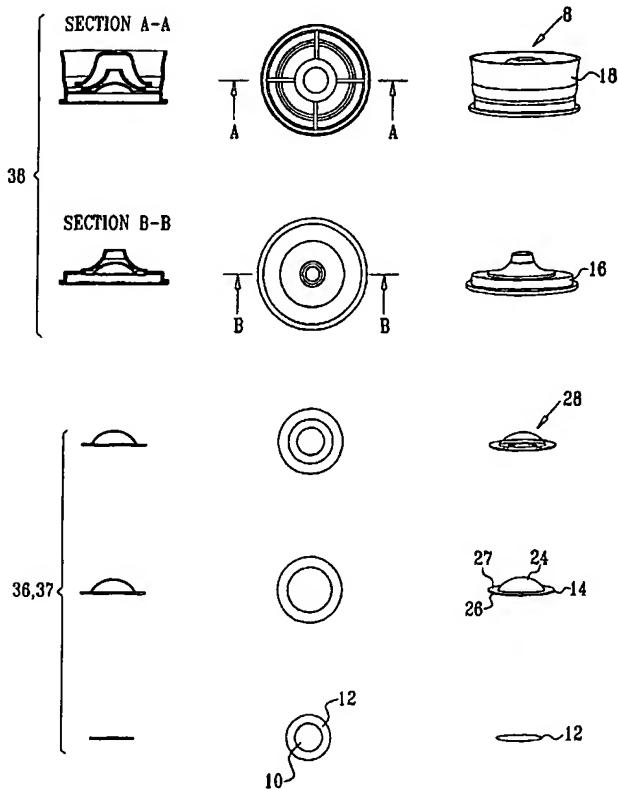
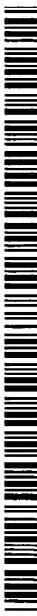
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(54) Title: PIEZOELECTRIC LOUDSPEAKER



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(57) Abstract: A loudspeaker (8), including a piezoelectric disk (10) having a first diameter and a diaphragm disk (12) which is fixed to the piezoelectric disk. The diaphragm disk has a second diameter greater than the first diameter. The loudspeaker further includes a cover (14), consisting of a convex surface (24) bounded by an annulus (26,27), which mates with the diaphragm disk to form a generally plano-convex volume (28) between the diaphragm disk and the cover. A labyrinth (16, 18) is fixedly coupled to a circumference of the annulus to provide a path (34) for sound waves.